## INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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COUNTRY	Poland	REPORT			
SUBJECT	Power Station at Pomorzany	at Pomorzany DATE DISTR. 14 Decem			
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DATE OF	NFO.	REQUIREMENT NO. RD			
PLACE AC	QUIRED	REFERENCES	25X1		
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<b></b>	SOURCE EVALUATIONS ARE DEFINITIVE.	APPRAISAL OF CONTENT IS TENTATIVE	25X1 E.		
2.	the Pomorzany (Pommerenzdorf, N 53 at the meeting were Jungmann, Dire official, Reglinski. Personnel fr meeting and were headed by Mantel, This power station, known before to Szczecin(Stettin). Originally it obtained for Germany	etor of Elektrim, and another om Energoprojekt also attended who is a director. ne last war as Pommerenzdorf,	Elektrim i the is near		
	built on the side of a hill and it concrete. It was thus virtually a to detect from the air.		reinforced		
3.	An orginally equipped, the factory obtained from eight boilers drivin war, the station was stripped by t since that date. It has now been equip the station so that it will obtained from 4 - 50-MW generators boilers, each having a capacity of being coupled to a generator; the coupled to one generator.	3 4 - 50-MW generators. During the Germans and has been out of decided by the Polish authority gain have a final capacity of However, there will only be 200-ton/hour evaporation, each	ng the last f operation ties to re- f 200 MW e four ch boiler		

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4. The re-equipment of the power station will be carried out in two stages; for the first stage only two 50-MW generators and two 200-ton/hour boilers will be installed. The power will be finally taken by six 110-KV transmission lines, but for this stage only four 110-KV lines will be provided. A system of open cooling will be employed with cooling water at 12° Centigrade. The power station will burn Upper Silesian dust coal. Elektrim and Engroprojekt have both stressed the need for very high efficiency and provision has therefore been made for a high-temperature reheating system to give an official over-all efficiency of about 89%. The original two-meter-thick concrete roof and the old foundations are still intact and will not be moved. This will give rise to certain technical difficulties as the head room available approximately 23.4 meters, is extremely small for the installation of 200-ton/hour boilers. To overcome this difficulty the new boilers will be turned through 90° from the position of the former 110-ton/hour boilers and a multi-pass arrangement of boiler tubes and heating surfaces will be used.

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